

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	1768	((monitor\$4 control\$4) same (reflectors (each adj1 reflector\$1) (individual adj1 reflector\$1) mirror\$1 microreflectors micromirrors)) and (calibrat\$4 same (reflectors (each adj1 reflector\$1) (individual adj1 reflector\$1) mirror\$1 microreflectors micromirrors)) and ((align\$5 adjust\$4 modif\$4 chang\$4 tun\$4 correct\$4) near9 (reflect\$5 mirror\$4 microreflect\$4 micromirror\$1))	USPAT; US-PGPU B	2004/08/20 12:24
2	BRS	L2	1768	((monitor\$4 control\$4) same (reflectors (each adj1 reflector\$1) (individual adj1 reflector\$1) mirror\$1 microreflectors micromirrors)) and (calibrat\$4 same (reflectors (each adj1 reflector\$1) (individual adj1 reflector\$1) mirror\$1 microreflectors micromirrors)) and ((align\$5 adjust\$4 modif\$4 chang\$4 tun\$4 correct\$4) near9 (reflect\$5 (each adj1 reflector\$1) (individual adj1 reflector\$1) mirror\$4 microreflect\$4 micromirror\$1))	USPAT; US-PGPU B	2004/08/20 12:25
3	BRS	L3	506	((align\$5 adjust\$4 modif\$4 chang\$4 tun\$4 correct\$4 control\$5) near9 (each individual\$3) adj1 (reflect\$5 (each adj1 reflector\$1) (individual adj1 reflector\$1) mirror\$4 microreflect\$4 micromirror\$1))	USPAT; US-PGPU B	2004/08/20 12:27
4	BRS	L4	530	((align\$5 adjust\$4 modif\$4 chang\$4 tun\$4 correct\$4 control\$5 calib\$7) near9 (each individual\$3) adj1 (reflect\$5 (each adj1 reflector\$1) (individual adj1 reflector\$1) mirror\$4 microreflect\$4 micromirror\$1))	USPAT; US-PGPU B	2004/08/20 13:46
5	BRS	L5	25	2 and 4	USPAT; US-PGPU B	2004/08/20 12:43
6	BRS	L6	1	("6411751").pn.	USPAT; US-PGPU B	2004/08/20 12:44
7	BRS	L7	1	6 and (input\$3 output\$3 fiber\$1 waveguide\$1 port\$1 channel\$2 detect\$4)	USPAT; US-PGPU B	2004/08/20 12:46
8	BRS	L8	1	6 and 4	USPAT; US-PGPU B	2004/08/20 13:59
9	BRS	L9	1	6 and (sourc\$2 laser\$1)	USPAT; US-PGPU B	2004/08/20 15:36
10	BRS	L10	1	6 and (measur\$6 same (position\$4 optim\$5 fine tun\$5 adjust\$6 mirror\$1))	USPAT; US-PGPU B	2004/08/20 15:40

	Comments	Error Definition	Errors
1			0
2			0
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	Type	L #	Hits	Search Text	DBs	Time Stamp
11	BRS	L11	1	6 and (measur\$6 same (position\$4 optim\$5 fine tun\$5 adjust\$6 mirror\$1 power intens\$6 maxim\$7))	USPAT; US-PGPU B	2004/08/20 16:09
12	BRS	L12	1	6 and ((\$7detector \$7detectors detect\$5 photodetect\$5 photo\$7) same (mirror\$1 '251' '252'))	USPAT; US-PGPU B	2004/08/20 19:39
13	BRS	L13	1	6 and ((\$7detector \$7detectors detect\$5 photodetect\$5 photo\$7) same3 (mirror\$1 '251' '252'))	USPAT; US-PGPU B	2004/08/20 16:45
14	BRS	L14	1	6 and (mirror\$1 same (switch\$4 '151'))	USPAT; US-PGPU B	2004/08/20 16:52
15	BRS	L15	1	6 and (control\$3 same (light source\$1 signal\$1))	USPAT; US-PGPU B	2004/08/20 16:58
16	BRS	L16	1	6 and (control\$3 same (light source\$1 signal\$1 mirror\$1 reflect\$5))	USPAT; US-PGPU B	2004/08/20 16:59
17	BRS	L17	1	6 and ('155' same '156' same mirror\$1)	USPAT; US-PGPU B	2004/08/20 19:43
18	BRS	L19	1	6 and ('155' '156' '210' '250') same (mirror\$1)	USPAT; US-PGPU B	2004/08/20 19:45
19	BRS	L20	1	6 and ('155' '156' '210' '250')	USPAT; US-PGPU B	2004/08/20 19:46
20	BRS	L21	1	6 and (('155' '156' '210' '250') same (switch\$4 '151'))	USPAT; US-PGPU B	2004/08/20 20:02
21	BRS	L22	1	6 and (bidirect\$5 direction\$4)	USPAT; US-PGPU B	2004/08/20 20:03

	Comments	Error Definition	Errors
11			0
12			0
13			0
14			0
15			0
16			0
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18			0
19			0
20			0
21			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
1	BRS	369	sublimat\$3 near9 (glass fiber)	USPAT; US-PGPUB	2003/06/18 19:44		
2	BRS	433	(laser\$1 same beam\$1 same (cleav\$4 cut\$4) near7 fiber\$1)	USPAT; US-PGPUB	2003/06/18 19:55		
3	BRS	146	(laser\$1 same beam\$1 near7 (cleav\$4 cut\$4) near7 fiber\$1)	USPAT	2003/06/18 19:57		
4	BRS	126	(laser\$1 near7 beam\$1 near7 (cleav\$4 cut\$4) near7 fiber\$1)	USPAT	2003/06/18 19:57		
5	BRS	1	((laser\$1 near7 beam\$1 near7 (cleav\$4 cut\$4) near7 fiber\$1)) and sublimat\$5	USPAT	2003/06/18 20:03		
6	BRS	1	((((laser\$1 near7 beam\$1 near7 (cleav\$4 cut\$4) near7 fiber\$1)) and sublimat\$5) and (fiber near7 (hold\$4 position\$4)))	USPAT; US-PGPUB	2003/06/18 20:04		
7	BRS	52	((laser\$1 near7 beam\$1 near7 (cleav\$4 cut\$4) near7 fiber\$1)) and (fiber near7 (hold\$4 position\$4)))	USPAT; US-PGPUB	2003/06/18 20:04		
8	BRS	53	((laser\$1 near7 beam\$1 near7 (cleav\$4 cut\$4) near7 fiber\$1)) and (fiber near7 (hold\$4 position\$4 groove))	USPAT; US-PGPUB	2003/06/19 12:34		
9	BRS	12	((((laser\$1 near7 beam\$1 near7 (cleav\$4 cut\$4) near7 fiber\$1)) and (fiber near7 (hold\$4 position\$4 groove))) and ((beam\$1 laser\$1) near7 (cleav\$4 cut\$4) near7 (ribbon (bundle near1 fiber) fibers)))	USPAT; US-PGPUB	2003/06/19 12:21		
10	BRS	12	((((laser\$1 near7 beam\$1 near7 (cleav\$4 cut\$4) near7 fiber\$1)) and (fiber near7 (hold\$4 position\$4 groove))) and ((beam\$1 laser\$1) near7 (cleav\$4 cut\$4) near7 (ribbon (bundle near1 fiber) fibers)))	USPAT; US-PGPUB	2003/06/19 12:27		
11	BRS	2	(((((laser\$1 near7 beam\$1 near7 (cleav\$4 cut\$4) near7 fiber\$1)) and (fiber near7 (hold\$4 position\$4 groove))) and ((beam\$1 laser\$1) near7 (cleav\$4 cut\$4) near7 (ribbon (bundle near1 fiber) fibers)))) and cleav\$3	USPAT; US-PGPUB	2003/06/19 12:27		
12	BRS	5	((laser\$1 near7 beam\$1 near7 (cleav\$4) near7 fiber\$1)) and (fiber near7 (hold\$4 position\$4 groove))	USPAT; EPO; JPO; DERWENT	2003/06/19 12:41		

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	Type	Hits	Search Text	DBs	Time Stamp	Corr mm en ts	Er ro r De fi ni ti on
13	BRS	6	((laser\$1 near5 beam\$1) near7 (cleav\$4) near7 fiber)) and (fiber\$1 same (hold\$4 position\$4 groove))	USPAT; EPO; JPO; DERWENT	2003/06/19 12:46		
14	BRS	4	((laser\$1 near5 beam\$1) near7 (cleav\$4) near7 fiber)) and (fiber\$1 same (hold\$4 position\$4 groove))) not (((laser\$1 near7 beam\$1 near7 (cleav\$4) near7 fiber\$1)) and (fiber near7 (hold\$4 position\$4 groove)))	USPAT; EPO; JPO; DERWENT	2003/06/19 12:44		
15	BRS	10	((laser\$1 near5 beam\$1) near7 (cleav\$4) near7 fiber))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 12:49		
16	BRS	4	((laser\$1 near5 beam\$1) near7 (cleav\$4) near7 fiber))) not (((laser\$1 near5 beam\$1) near7 (cleav\$4) near7 fiber)) and (fiber\$1 same (hold\$4 position\$4 groove))) not (((laser\$1 near7 beam\$1 near7 (cleav\$4) near7 fiber\$1)) and (fiber near7 (hold\$4 position\$4 groove)))) (((laser\$1 near5 beam\$1) near7 (cleav\$4) near7 fiber)) and (fiber\$1 same (hold\$4 position\$4 groove))) (((laser\$1 near7 beam\$1 near7 (cleav\$4) near7 fiber\$1)) and (fiber near7 (hold\$4 position\$4 groove))))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 12:48		
17	BRS	0	((laser\$1 near5 beam\$1) near7 (cuting) near7 fiber)) and cleav\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 12:51		
18	BRS	0	((laser\$1 near5 beam\$1) near7 (cuting) near7 fiber))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 12:51		
19	BRS	75	((laser\$1 near5 beam\$1) near7 (cutting) near7 fiber))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 12:54		
20	BRS	2	((laser\$1 near5 beam\$1) near7 (cutting) near7 fiber)) and cleav\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 12:52		
21	BRS	94	laser\$1 same (beam\$1 near7 (cutting cleaving) near7 fiber\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 12:58		
22	BRS	86	laser\$1 same (beam\$1 near7 (cutting cleaving) near7 fiber\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 13:01		
23	BRS	1	(laser\$1 same (beam\$1 near7 (cutting cleaving) near7 fiber\$1)) and cleav\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 13:02		

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24	BRS	64	laser\$1 same (beam\$1 near9 (cutting cleaving) near2 fiber\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/23 13:18		
25	BRS	3	(laser\$1 same (beam\$1 near9 (cutting cleaving) near2 fiber\$1)) and cleav\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 13:05		
26	BRS	6	("4158555" "5226101" "5983676").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 15:29		
27	BRS	3	((("4158555" "5226101" "5983676").pn.) and (laser same (cut\$3 chop\$4) near5 fiber\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 13:12		
28	BRS	278	(laser near5 (cut\$3 chop\$4 cleav\$3) near5 fiber\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 13:13		
29	BRS	254	(laser near5 (cutting chopping cleav\$3) near5 fiber\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 13:13		
30	BRS	224	(laser near5 (cutting chopping cleav\$3) near5 fiber\$1)	USPAT; EPO; JPO; DERWENT	2003/06/19 13:14		
31	BRS	128	(laser near5 (cutting chopping cleav\$3) near2 fiber\$1)	USPAT; EPO; JPO; DERWENT	2003/06/19 19:52		
32	BRS	20	"0097618"	EPO; DERWENT	2003/06/19 13:47		
33	BRS	0	"0097618"	EPO	2003/06/19 13:47		
34	BRS	0	"0097618" and laser\$1	EPO; DERWENT	2003/06/19 13:48		
35	BRS	1	seiler and zurcher	EPO; DERWENT	2003/06/19 13:49		
36	BRS	0	6087624.pn. and (fiber\$1 near7 (hold\$4 groov\$3 fix\$4 position\$3))	USPAT; US-PGPUB	2003/06/19 18:53		
37	BRS	0	6087624.pn. and (hold\$4 groov\$3 fix\$4 position\$3)	USPAT; US-PGPUB	2003/06/19 16:11		
38	BRS	1	6087624.pn.	USPAT; US-PGPUB	2003/06/19 16:23		
39	BRS	1213	6087624.pn. ((power laser beam\$3 volt\$1 amp\$3) near7 cut\$4 near7 (glass fiber\$1))	USPAT; US-PGPUB	2003/06/19 16:44		
40	BRS	1	6087624.pn. and ((power laser beam\$3 volt\$1 amp\$3) near7 cut\$4 near7 (glass fiber\$1))	USPAT; US-PGPUB	2003/06/19 17:00		
41	BRS	0	6087624.pn. and (mov\$4 same fiber\$1 same cut\$4) and (melt\$3 temperat\$4 degree\$1 heat\$4 therm\$5 sublim\$4)	USPAT; US-PGPUB	2003/06/19 17:40		
42	BRS	1	6087624.pn. and (mov\$4 same fiber\$1 same2 cut\$4) and (melt\$3 temperat\$4 degree\$1 heat\$4 therm\$5 sublim\$4)	USPAT; US-PGPUB	2003/06/19 17:19		
43	BRS	1	6087624.pn. and (laser\$1 beam\$1 path\$1 direction\$1 mov\$3 propel\$4 contol\$4)	USPAT; US-PGPUB	2003/06/19 17:20		

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44	BRS	1	6087624.pn. and (power energ\$3 burn\$4 melt\$3 temperat\$4 degree\$1 heat\$4 therm\$5 sublim\$4)	USPAT; US-PGPUB	2003/06/19 17:41		
45	BRS	1	6087624.pn. and (fibers near7 cut\$4)	USPAT; US-PGPUB	2003/06/19 18:58		
46	BRS	0	6087624.pn. and (laser near7 carbon\$6)	USPAT; US-PGPUB	2003/06/20 16:39		
47	BRS	1	"5430590"	JPO; DERWENT	2003/06/20 16:41		
48	BRS	6	"30590"	JPO; DERWENT	2003/06/20 16:42		
49	BRS	74	laser\$1 same (beam\$1 near9 (cutting cleaving) near2 fiber\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 13:55		
50	BRS	184	laser\$1 same (beam\$1 near9 (cut\$4 cleav\$5 sublimit\$4) near2 fiber\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/23 13:20		
51	BRS	1	'54030590'	JPO; DERWENT	2004/08/19 11:56		
52	BRS	2	09/880698	USPAT; US-PGPUB	2004/08/18 15:30		
53	BRS	1	6724959.pn.	JPO; DERWENT	2004/08/19 11:56		
54	BRS	1	6724959.pn.	USPAT; US-PGPUB	2004/08/19 11:57		
55	BRS	24	((Round\$2 near1 tip\$1) near3 fiber\$1)	USPAT; US-PGPUB	2004/08/19 11:58		
56	BRS	1	"20030205562"	USPAT; US-PGPUB	2004/08/19 13:17		
57	BRS	1	"20030205562" and (round\$3)	USPAT; US-PGPUB	2004/08/19 13:18		
58	BRS	77	laser\$1 same (beam\$1 near9 (cutting cleaving) near2 fiber\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 13:55		

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